

BS100LED-2FT

INDUSTRIAL

Type: _____

Project: _____

Delivered Lumens:
3585 lm - 5065 lm

Input Wattage:
30W or 40W

Efficacy:
up to 127 lm/W

Colour Temperatures:
3500K, 4000K, 5000K

Projected Lumen Maintenance:
 $L_{70} @ >60,000$ hrs.

100% UV stabilized polycarbonate housing, liquid silicone perimeter gasket



100% UV stabilized polycarbonate diffuser eliminates glare and is integrated with crystals that enhance even light distribution

The **ILLUMINA® BS100LED** vapor tight is corrosion, flame and vandal resistant

Surface mount standard, 9 optional mounting configurations available

The **ILLUMINA® BS100LED** unique three piece design that allows effortless assembly without any tools

Configurations

MODEL	LENGTH	OPERATION	POWER	COLOUR TEMP	INPUT	MOUNTING	OPTIONS
BS100LED	2 (2ft)	HT (AC only)	LO (3796lm)	WT35 (3500K)	120-277V	[BLANK] (surface mount - std.)	OS (occupancy sensor)
		SA ¹ (AC & EM)	MO (5062lm)	WT40 (4000K)	347V	[BLANK] (chain hang kit - std.)	OSW (occupancy sensor-wet)
				WT50 (5000K)		AC ¹ (aircraft cable kit)	IOS ⁶ (step dimming occ sensor)
						SPK ² (single pendant kit)	FP (fuse protection)
						DPK ² (double pendant kit)	TP ⁷ (4 tamper proof screws)
						TM ² (trunion mount)	SP (10kA surge protection)
						JM ³ (direct mount to j-box)	SS (stainless steel clips)
						MM (magnetic mount)	
						PM (pivot mount)	

NOTE: Not available for 347V; **NOTE:** Specify length for AC: 50", 72", 100", 150", 250" fully adjustable; **NOTE:** SPK, DPK & TM options, min. 6"; **NOTE:** TP-tamper proof screws require a special bit (TPB), order as needed.

ELECTRICAL:

Available in 3500K, 4000K or 5000K colour temperatures. High efficiency driver operates 100V through 277V or 347V, 50-60HZ. L70 at over 60,000 hours.

SA (AC & EMERGENCY):

Integral emergency backup provides a minimum 90 minutes emergency operation. Initial lumen output during emergency operation is 1107.

POWER LINE/FEED:

5-wire, solid type 18awg, pre-stripped. Leads for quick in-field connection and hot load disconnect feature.

MOUNTING:

Surface mount configuration is standard with integrated stainless steel mounting brackets. Additional mounting systems are available: including aviation cable, pendants, chain, trunion, magnetic, pivot and direct to junction box configurations.

Suspension height is to be specified when ordering any suspension mount units: AC, SPK, DPK. Junction mount (JM) configuration allows for direct mount to recessed junction box.

SANITATION LISTED:

Equivalent to the NSF standard No. 2 and is suitable for use in food equipment environments.

WEIGHT:

5 lbs. / 2.27 kilo.

DIMMING:

0 - 10V dimming is standard to 1%. Compatible with most dimming systems, contact factory for more information.

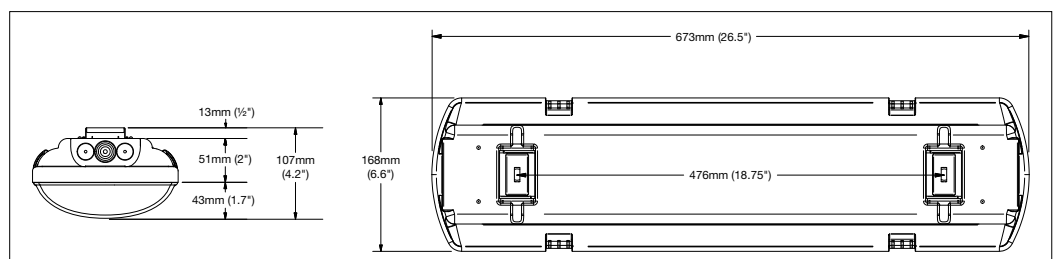
OPERATING TEMPERATURE:

HT: -40°C to 40°C
SA: 0°C to 40°C

WARRANTY:

5 year LED warranty, see website for full warranty details.

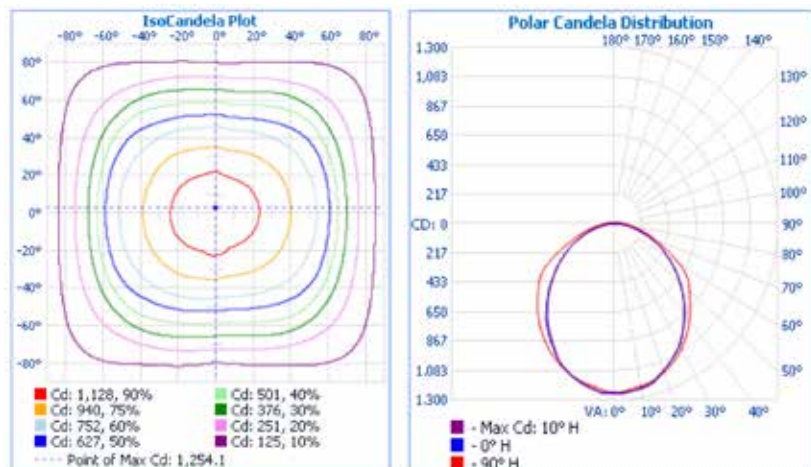
Dimensions



Illumina® BS100LED-2FT

BS100LED-2HT-LO-WT35-120-277V

Luminous Intensity Distribution



Zonal Lumen Summary

ZONE	LUMENS	% LUMINAIRE
0-30	959	26%
0-40	1567	42%
0-60	2776	75%
60-90	816	22%
0-180	3585	100%

Energy Chart

MODEL	LENGTH	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	L70 HOURS
BS100LED-2HT-LO-WT35-120-277V	2ft	120 lm/W	30	3585	>80	>60,000
BS100LED-2HT-LO-WT40-120-277V	2ft	123 lm/W	30	3691	>80	>60,000
BS100LED-2HT-LO-WT50-120-277V	2ft	127 lm/W	30	3796	>80	>60,000
BS100LED-2HT-MO-WT35-120-277V	2ft	120 lm/W	40	4780	>80	>60,000
BS100LED-2HT-MO-WT40-120-277V	2ft	123 lm/W	40	4921	>80	>60,000
BS100LED-2HT-MO-WT50-120-277V	2ft	127 lm/W	40	5062	>80	>60,000

Emergency Mode

MODEL	LENGTH	EFFICACY	WATTAGE	LUMEN OUTPUT	CRI	L70 HOURS
BS100LED-2-SA-XX-WT**120-277V	2ft	-	10	1107	>80	-